

PAPI FIELD WIRING CONNECTIONS

(FOR CROUSE—HINDS 8802A—1 PAPI)

<u>NOTES</u>

- 1. EXISTING PAPI FOR RUNWAY 20 IS A CROUSE—HINDS MODEL 8802A—1 (L—880 4 LIGHT UNITS WITH 2 LAMPS IN EACH PAPI LIGHT BOX, STYLE A VOLTAGE POWERED, CLASS I SYSTEM -35°C TO +55°C OPERATION RANGE). PAPI FIELD WIRING CONNECTION DIAGRAM IS BASED ON A CROUSE—HINDS PART NO 8802A—1, L—880 STYLE A PAPI WITH 2 LAMPS PER LIGHT BOX, & INFORMATION PROVIDED BY CROUSE—HINDS FIELD SERVICE SUPPORT CENTER. CONTRACTOR SHALL CONFIRM WIRING INSTALLATION MANUAL REQUIREMENTS WITH THE RESPECTIVE PAPI MANUFACTURER AND ADJUST TO MEET MANUFACTURER INSTRUCTIONS AND RECOMMENDATIONS. POWER WIRING REQUIREMENTS SHOWN ARE MINIMUM, FOR THE RESPECTIVE PAPI SYSTEM.
- INCLUDE #6 AWG EQUIPMENT GROUND WIRE IN CONDUIT WITH POWER & CONTROL WIRING BETWEEN THE POWER & CONTROL UNIT & THE PAPI LIGHT BOXES.
- 3. PROVIDE WATER SEALS FOR CONDUITS ENTERING/LEAVINGTH PAPI POWER AND CONTROL UNIT.
- 4. RELOCATION OF PAPI SYSTEM SHALL BE PAID FOR UNDER ITEM AR125968 RELOCATE PAPI.
- ALL POWER AND CONTROL CABLE FROM THE PAPI PCU TO THE PAPI LIGHT BOXES SHALL BE NEW CABLE AND BE INCIDENTAL TO ITEM AR125968 RELOCATE PAPI.

KEYED NOTES

- 1 CONSOLIDATING HARNESS, 4 #14 AWG LEADS AS FURNISHED OR REQUIRED BY PAPI MFR.
- 2 OUTGOING POWER FEED FROM POWER & CONTROL UNIT TO THE TWO CLOSEST PAPI LIGHT BOXES (#1 & #2), #6 AWG XLP-USE OR THWN (MIN.)
- 3 OUTGOING POWER FEED FROM POWER & CONTROL UNIT TO THE TWO FURTHEST PAPI LIGHT BOXES (#3 & #4), #2 AWG XLP-USE OR THWN (MIN.)
- 4 TILT SWITCH WIRING #14 AWG XLP-USE OR THWN (MIN.) CONFIRM WIRING WITH PAPI MFR & ADJUST AS APPLICABLE.
- 5 PLUG WITH CABLE ASSEMBLY AS FURNISHED OR REQUIRED BY PAPI
- 6 L-867, CLASS IA, SIZE B, 24" DEEP SPLICE CAN.
- 7 2" MINIMUM GALVANIZED RIGID STEEL CONDUIT BETWEN PAPI PCU AND L-867 SPLICE CANS AT PAPI LIGHT UNITS.

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HANSON PROFESSIONAL SERVICES INC.

815 Commerce Drive, Suite 200 Oak Brook, Illinois 60523 Telephone: 630.990.3800 Fax: 630.990.3801

Illinois Professional Design Firm Registration No. 184-001084

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JOLIET REGIONAL PORT DISTRICT

1 George Michas Drive Romeoville, Illinois 60446 Telephone: 815.838.9497 Fax: 815.838.9524

EXTEND RUNWAY 2-20; CONSTRUCT TAXIWAY TURNAROUND

AIP PROJECT NO. 3-17-0140-B42 IDA PROJECT NO. LOT-3792

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APRIL 18, 2008
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PAPI FIELD WIRING CONNECTIONS

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